

## CLAIMS

1. A threat resolution system for identifying and resolving threats within packages comprising:

an initial EDS scanning system for identifying threats in packages based upon a  
5 scan of the packages and the nature of the threats;

a first secondary scanning system for resolving threats having a first nature; and

a second secondary scanning system for resolving threats having a second nature.

2. The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the packages include baggage.

10 3. The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the nature of threats includes at least one of object shielding and lack of identification.

4. The threat resolution system for identifying and resolving threats within packages according to claim 1, wherein the first secondary scanning system includes a dual energy  
15 scanner.

5. The threat resolution system for identifying and resolving threats within packages according to claim 4, wherein the second secondary scanning system includes a high resolution scanner.

6. The threat resolution system for identifying and resolving threats within packages  
20 according to claim 1, wherein the first secondary scanning system includes a high resolution scanner.

7. The threat resolution system for identifying and resolving threats within packages according to claim 1, further comprising:

an operator review station for reviewing threats identified by the initial EDS scanning system and clearing individual threats in packages prior to resolution by one of the secondary scanning systems.

8. The threat resolution system for identifying and resolving threats within packages  
5 according to claim 1, wherein at least one of the initial EDS scanning system, the first secondary scanning system, and the second secondary scanning system includes a CT scanner.

9. The threat resolution system for identifying and resolving threats within packages  
10 according to claim 1, wherein the EDS scanning system and at least one of the first secondary scanning system and second secondary scanning system include processes within a single scanner.

10. A method of scanning packages for resolution of threats, the method comprising the steps of:

- performing an initial scan of the packages;
- 15 identifying threats and the nature of the threats based upon the initial scan of packages;
- performing a secondary scan of a first type on packages having threats of a first nature;
- performing a secondary scan of a second type on packages having threats of a  
20 second nature;
- resolving threats based upon one of the secondary scan of the first type and the secondary scan of the second type.

11. The method for scanning packages for resolution of threats according to claim 10, wherein the packages include baggage.

12. The method for scanning packages for resolution of threats according to claim 10, wherein at least one of the secondary scan of the first type and the secondary scan of the  
5 second type includes a dual energy scan.

13. The method for scanning packages for resolution of threats according to claim 10, wherein at least one of the secondary scan of the first type and the secondary scan of the second type includes a high resolution scan.

14. The method for scanning packages for resolution of threats according to claim 10,  
10 wherein the nature of threats includes at least one of shielding objects and lack of identification.

15. The method for scanning packages for resolution of threats according to claim 10, further comprising, prior to step of performing a secondary scan of a first type, the steps of:

15 displaying identified threats to an operator; and  
receiving an input from an operator clearing at least one threat in a package.